

NAGENDAR VARKALA

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EXPERIENCE

Full Stack Software Engineer Intern

INNORIZE ENTERPRISES PRIVATE LIMITED

Oct 2025 — Present

Hyderabad, India

- Implemented full-stack MERN/Next.js applications and Node/Express REST APIs, achieving a 100 SEO score and reducing API latency ~35% while accelerating feature delivery ~25% by optimizing backend services, integrating MongoDB, and adding text-to-speech and abusive-content filtering

PROJECTS

Airbnb Clone | EJS, Express.js, MongoDB

- Built a responsive Airbnb-like app with JWT auth, CRUD operations, and RESTful APIs.
- Integrated geolocation and maps API with high accuracy.
- Improved performance by 40% through backend and frontend optimization.

Campus-Connect | MERN, Next.js

— Present

- Developed a full-stack campus event management platform, resulting in a 40% increase in event registrations and 70% faster check-in, by implementing QR-based digital tickets, secure role-based access, and real-time attendance tracking.

Video MeetZ | React, Express, WebRTC, WebSockets

— Present

- Built a MERN-stack video-conferencing app supporting high-quality video, voice, and screen sharing. Implemented WebRTC for real-time streaming with <100 ms latency and WebSockets for scalable multi-user signaling with 99% session stability. Optimized connection reliability by 30% and reduced signaling overhead by 25% for smoother, low-lag communication.

SKILLS

Programming Languages: JavaScript, Python, Java, C

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js

Databases: MongoDB, SQL, NoSQL

DevOps & Deployment: Git, GitHub, Docker, CI/CD, AWS, Vercel, Netlify, Render, Postman, WebRTC

Development Methodologies: Agile, Scrum, Test-Driven Development, MVC Architecture

Professional Skills: Problem-solving, Collaborative Teamwork, Technical Communication, Time Management

EDUCATION

Sri Indu College of Engineering & Technology, Hyderabad, India

Oct 2022 — Apr 2026

B.Tech in Artificial Intelligence & Data Science

GPA: 7.4

Sri Chaitanya Junior College, Hyderabad, India

Jun 2020 — Apr 2022

Intermediate

GPA: 81%

Dilsukhnagar Public School, Hyderabad, India

Jun 2019 — Mar 2020

High School

GPA: 10.0

CERTIFICATIONS

JavaScript Essentials

2024

Coursera

Python Programming

September 2025

GeeksforGeeks

Next.js Development

October 2025

GeeksforGeeks

ACHIEVEMENTS

- Published 5+ full-stack projects on GitHub using MERN stack and Next.js, following clean code practices and comprehensive documentation.
- Participated in multiple hackathons, serving as team lead, driving solution design, task allocation, and timely feature delivery.
- Contributed as a volunteer in college technical events, supporting coordination and collaboration in fast-paced team environments.